

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	90711	indium	US-PGPUB; USPAT	OR	ON	2006/07/31 08:52
S3	66737	gallium	US-PGPUB; USPAT	OR	ON	2006/07/31 08:52
S4	786347	aluminum	US-PGPUB; USPAT	OR	ON	2006/07/31 08:52
S5	193313	nitride	US-PGPUB; USPAT	OR	ON	2006/07/31 08:52
S6	9853	S2 and S3 and S4 and S5	US-PGPUB; USPAT	OR	ON	2006/07/31 08:52
S8	0	S6 and S7	US-PGPUB; USPAT	OR	ON	2006/07/31 08:53
S9	120617	"al.sub"\$	US-PGPUB; USPAT	OR	ON	2006/07/31 08:54
S10	32353	S9 and S5	US-PGPUB; USPAT	OR	ON	2006/07/31 08:58
S11	211741	"257".clas.	US-PGPUB; USPAT	OR	ON	2006/07/31 08:58
S12	11333	S10 and S11	US-PGPUB; USPAT	OR	ON	2006/07/31 08:59
S13	68112	nitride.ti,ab,clm.	US-PGPUB; USPAT	OR	ON	2006/07/31 08:59
S14	5481	S12 and S13	US-PGPUB; USPAT	OR	ON	2006/07/31 09:00
S15	2300	ga! with in! with al! with n!	US-PGPUB; USPAT	OR	ON	2006/07/31 09:00
S16	0	S7 and S15	US-PGPUB; USPAT	OR	ON	2006/07/31 09:00
S7	1	10/605513	US-PGPUB; USPAT	OR	ON	2006/07/31 09:02
S17	839	algainn	US-PGPUB; USPAT	OR	ON	2006/07/31 09:02
S18	830	alingan	US-PGPUB; USPAT	OR	ON	2006/07/31 09:04
S19	48	gainaln	US-PGPUB; USPAT	OR	ON	2006/07/31 09:05
S20	395	ingaaln	US-PGPUB; USPAT	OR	ON	2006/07/31 09:05
S21	50	gaalinn	US-PGPUB; USPAT	OR	ON	2006/07/31 09:05
S22	539	inalgan	US-PGPUB; USPAT	OR	ON	2006/07/31 09:05

## EAST Search History

S24	1	S7 and S23	US-PGPUB; USPAT	OR	ON	2006/07/31 09:06
S23	2317	S17 S18 S19 S20 S21 S22	US-PGPUB; USPAT	OR	ON	2006/07/31 09:07
S25	0	@pd<"200"	US-PGPUB; USPAT	OR	ON	2006/07/31 09:07
S27	890	S23 and S26	US-PGPUB; USPAT	OR	ON	2006/07/31 09:07
S26	7590916	@pd<"20031005"	US-PGPUB; USPAT	OR	ON	2006/07/31 09:13
S28	7161330	@pd<"20021005"	US-PGPUB; USPAT	OR	ON	2006/07/31 09:13
S29	484	S23 and S28	US-PGPUB; USPAT	OR	ON	2006/07/31 09:18
S30	8390	257/79-103.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 09:21
S31	905	S23 and S30	US-PGPUB; USPAT	OR	ON	2006/07/31 09:22
S32	184	S31 and S28	US-PGPUB; USPAT	OR	ON	2006/07/31 11:16
S33	1	"5773929".pn.	US-PGPUB; USPAT	OR	ON	2006/07/31 11:18
S34	238	dual near dop\$	US-PGPUB; USPAT	OR	ON	2006/07/31 11:19
S35	8390	257/79-103.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 11:19
S37	211741	"257".clas.	US-PGPUB; USPAT	OR	ON	2006/07/31 11:42
S38	159	S34 and S37	US-PGPUB; USPAT	OR	ON	2006/07/31 11:42
S36	3	S34 and S35	US-PGPUB; USPAT	OR	ON	2006/07/31 15:27
S39	46363	silicon and germanium	US-PGPUB; USPAT	OR	ON	2006/07/31 15:27
S40	15638	III-V III-N III-nitride	US-PGPUB; USPAT	OR	ON	2006/07/31 15:28
S41	3756	S39 and S40	US-PGPUB; USPAT	OR	ON	2006/07/31 15:28
S43	1156	S42 and S40	US-PGPUB; USPAT	OR	ON	2006/07/31 15:31
S44	7161330	@pd<"20021005"	US-PGPUB; USPAT	OR	ON	2006/07/31 15:31
S45	511	S44 and S43	US-PGPUB; USPAT	OR	ON	2006/07/31 15:34

## EAST Search History

S46	8390	257/79-103.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/31 15:34
S47	90	S45 and S46	US-PGPUB; USPAT	OR	ON	2006/07/31 16:03
S48	667128	si! ge! sn! Se! Te!	US-PGPUB; USPAT	OR	ON	2006/07/31 16:04
S49	759791	be! mg! zn! cd!	US-PGPUB; USPAT	OR	ON	2006/07/31 16:04
S50	46003	(si! ge! sn! Se! Te!) with (be! mg! zn! cd!)	US-PGPUB; USPAT	OR	ON	2006/07/31 16:04
S51	46003	S48 with S49	US-PGPUB; USPAT	OR	ON	2006/07/31 16:04
S42	7496	(silicon Si) with (germanium Ge) with (dop\$4 impuritY)	US-PGPUB; USPAT	OR	ON	2006/07/31 16:05
S52	449458	(dop\$4 impuritY)	US-PGPUB; USPAT	OR	ON	2006/07/31 16:05
S54	1	(S51 with "and") and S52 and S40	US-PGPUB; USPAT	OR	ON	2006/07/31 16:06
S55	226	S51 and S52 and S40 and S46 and S44	US-PGPUB; USPAT	OR	ON	2006/07/31 16:11
S56	2308	codop\$ co-dop\$	US-PGPUB; USPAT	OR	ON	2006/07/31 16:12
S57	20	S40 and S56 and S44 and S46	US-PGPUB; USPAT	OR	ON	2006/07/31 16:12
S1	1	10/605513	US-PGPUB; USPAT	OR	ON	2006/08/01 10:13
L2	1955	257/103.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/01 10:14
L3	68179	nitride.ti,ab,clm.	US-PGPUB; USPAT	OR	ON	2006/08/01 10:14
L4	689	2 and 3	US-PGPUB; USPAT	OR	ON	2006/08/01 10:16
L5	4345291	@ad<"20031005"	US-PGPUB; USPAT	OR	ON	2006/08/01 10:17
L6	492	4 and 5	US-PGPUB; USPAT	OR	ON	2006/08/01 10:19
L8	1894	co?dop\$4	US-PGPUB; USPAT	OR	ON	2006/08/01 10:20
L10	685	codop\$	US-PGPUB; USPAT	OR	ON	2006/08/01 10:21
L11	2545	7 8 9 10	US-PGPUB; USPAT	OR	ON	2006/08/01 10:22
L12	17	6 and 11	US-PGPUB; USPAT	OR	ON	2006/08/01 10:22

## EAST Search History

L32	10	(US-20030183827-\$ or US-20020142563-\$ or US-20020121646-\$ or US-20020117681-\$ or US-20020093020-\$ or US-20020053679-\$ or US-20020008245-\$ or US-20010038656-\$).did. or (US-5925897-\$ or US-6657300-\$). did.	US-PGPUB; USPAT	OR	ON	2006/08/01 10:43
L33	58	("4113531"   "4199385"   "4933601"   "4984034"   "5226053"   "5418395"   "5453405"   "5644165"   "5747832"   "5753939"   "5804839"   "5987047"   "5998810"   "6005258"   "6100586"   "6121127"   "6239490"   "6531716"   "6537838").PN. OR ("2001/0038656"   "2002/0008245"   "2002/0053679"   "2002/0093020"   "2002/0117681"   "2002/0121646"   "2002/0142563"   "2003/0183827"   "5925897"   "6657300").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 10:43
L34	58	33 not 32	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 10:44
L7	78	dual?dop\$4	US-PGPUB; USPAT	OR	ON	2006/08/01 10:56
L35	58	34 not 12	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 10:56
L36	12	dual?dop\$4.clm.	US-PGPUB; USPAT	OR	ON	2006/08/01 10:56
L9	232	dual near dop\$4	US-PGPUB; USPAT	OR	ON	2006/08/01 10:57
L37	28	dual near dop\$4.clm.	US-PGPUB; USPAT	OR	ON	2006/08/01 10:57
L39	22573	led.clm.	US-PGPUB; USPAT	OR	ON	2006/08/01 10:57
L40	0	38 and 39	US-PGPUB; USPAT	OR	ON	2006/08/01 10:57
L38	12	36 and 37	US-PGPUB; USPAT	OR	ON	2006/08/01 10:58
L41	28	36 37	US-PGPUB; USPAT	OR	ON	2006/08/01 10:58
L42	1	41 and 2	US-PGPUB; USPAT	OR	ON	2006/08/01 10:59